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Biographies

1959

Newton, E. Robert, Vita, Engineer's Council for Professional Development

Newton, E. Robert

Monterey, California, Naval Postgraduate School

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1. Robert E. Newton
2. Mechanical Engineering
3. 41
4. Professor
5. Washington University, St. Louis, Mo.: B.S. in Mechanical Engineering, 1938; M. S. in Mechanics, 1939- University of Michigan, Ann Arbor, Michigan, Ph.D. in Engineering Mechanics, 1951.
6. 8
7. Washington University, St. Louis, Mo.: Assistant in Applied Mathematics, 1938-39; Instructor in Applied Mathematics, 1939-41; Assistant Professor of Applied Mechanics, 1945-47; Associate Professor of Applied Mechanics, 1947-51 -
8. Curtiss-Wright Corp., Airplane Division, St. Louis, Mo.: Employed from June 1941 until July 1945. One year as stress analyst performing and supervising stress analysis on parts of two unconventional fighter aircraft. One year performing and supervising flutter analysis and vibration tests. In charge of all structural analysis for flutter group. Two years as head of structural methods unit in charge of development of methods of analysis for entire structures department.
McDonnell Aircraft Corp., St. Louis, Mo.: Employed from July 1945 until Nov. 1945 as research engineer in charge of preparation of manual of methods of aircraft stress analysis.
9. Firestone Guided Missile Division, Monterey; summers 1957, 1958; engineering specialist
10. Consultant to Firestone Guided Missile Division on shock protection of ship-borne missiles.
11. Inelastic Columns of Minimum Weight, with I. H. Stockel, Proc. 8th Internat'l Cong. of Theor. and Appl. Mech., p. 137-138, 1954.
What Can a Young Engineer Do to Develop Professionally? -Professional Associations, Mech. Eng., 79, 813, 1957
12. Tau Beta Pi, Sigma Xi, American Society of Mechanical Engineers, Society for Experimental Stress Analysis, American Society for Engineering Education (full member of all). Chairman, Applied Mechanics Division, San Francisco Section, A.S.M.E.; 1954-55.
13.

	Course No.	Title	Lecture Hrs.	Lab. Hrs.
1958-59				
Term 2	ME 500	Strength of Materials	3	0
	ME 502	Dynamics	2	2
Term 3	ME 411	Hydromechanics	3	2
	ME 622	Experimental Stress Analysis	2	2
Term 4	ME 240	Nuclear Power Plants	4	0
1959-60				
Term 1	ME 612	Experimental Stress Analysis	3	2
14. Administrative (Chairman of Department) 20 hrs./wk.